IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

LARSSON, P. et al.   Atty. Ref.: 4147-55

Serial No. 10/729,846   TC/A.U.:

Filed: December 8, 2003   Examiner:

For: MULTI-USER DIVERSITY FORWARDING

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May 4, 2004

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT

As suggested by 37 C.F.R. 1.97, the undersigned attorney brings to the attention of the Patent and Trademark Office the attached form PTO-1449, a copy of each of which is enclosed.

The Examiner is requested to initial the attached form PTO-1449 and to return a copy of the initialed document to the undersigned as an indication that the attached references have been considered and made of record.

Respectfully submitted,

NIXON & VANDERHYE P.C.

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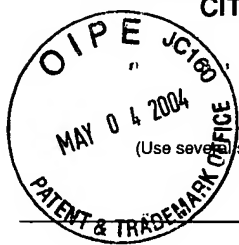| INFORMATION DISCLOSURE CITATION	ATTY. DOCKET NO. 4147-55	SERIAL NO. 10/729,846
	APPLICANT LARSSON, P. et al.	
(Use several sheets if necessary)	FILING DATE December 8, 2003	TC/A.U.

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	2002/0051425 A1	5/2002	Larsson			
.	6,618,433	9/2003	Yellin			
	6,097,703	8/2000	Larsen			
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FOREIGN PATENT DOCUMENTS

	DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
	98/56140	12/10/98	PCT				

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

	Seedex: A Mac Protocol for ad hoc networks, Rozovsky et al., Dept of Electrical and Computer Engineering, and Coordinated Science Laboratory, pages 67-75.
	Optimal transmission Ranges and Code Rates for Frequency-Hop Packet Radio Networks, M. Subbarao et al., IEEE Transactions on Communications, Vol. 48, No. 4, April 2000, pages 670-678.
	3GPP2 C.S0024, Version 2, October 27, 2000, CDMA 2000 High Rate Packet Data Air Interface Specification, 3rd Generation Partnership Project 2, 3GPP2.
	Opportunistic Beamforming Using Dumb Antennas, IEEE Transaction on Information Theory, Vol. 48, No. 6, June 2002, Viswanath et al., pages 1277-1294.
	Network Protocols for Frequency-Hop Packet Radios with Decoder Side Information, Pursley et al, IEEE Journal on Selected Areas in Communications, Vol. 12, No. 4, May 1994, pages 612-621.

*Examiner		Date Considered	

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

Form PTO-FB-A820 (Also PTO-1449)

INFORMATION DISCLOSURE CITATION	ATTY. DOCKET NO. 4147-55	SERIAL NO. 10/729,846
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		The DARPA Packet Radio Network Protocols, Jubin et al., Proceedings of the IEEE, Vol. 75, No. 1, January 1987, pages 21-32.
		3GPP TS [25.308] VO.1.0 (2001-09), 3rd Generation Partnership Project; Technical Specification Group Radio Access Network; UTRA High Speed Downlink Packet Access; Overall Description; Stage 2, (Release 5), pages 1-28.
·		The Spatial Capacity of a Slotted ALOHA Multihop Packet Radio Network with Capture, Nelson et al., IEEE Transactions on Communications, Vol. Com. 32, No. 6, June 1984.
▪		Position Based CDMA with Multiuser Detection (P-CDMA/MUD) for Wireless Ad Hoc Networks, Rodoplu et al., IEEE 6[h] Int. Symp. on Spread-Spectrum Tech & Appli., Sept. 6-8, 2000.
·		Scheduling and Performance of Multihop Radio Networks with Mutliuser Detection, Shrader et al., Radio Communications Systems.
		Slot Allocations Strategies For TDMA Protocols in Multihop Packet Radio Networks, Chou et al., 1992 IEEE.

*Examiner		Date Considered	

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